

c	28	18	0.6	431	4	US-09-679-426-360	Sequence 360, App
c	29	18	0.6	460	3	US-09-439-313-309	Sequence 309, App
c	30	18	0.6	460	3	US-09-352-616A-309	Sequence 309, App
c	31	18	0.6	460	4	US-09-232-149A-309	Sequence 309, App
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c	35	18	0.6	460	4	US-09-679-426-309	Sequence 309, App
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c	37	18	0.6	540	4	US-09-270-767-8393	Sequence 8393, Ap
c	38	18	0.6	540	4	US-09-270-767-23675	Sequence 23675, A
c	39	18	0.6	957	4	US-09-540-236-56	Sequence 56, Appl
c	40	18	0.6	994	2	US-08-179-557-16	Sequence 16, Appl
c	41	18	0.6	1038	4	US-09-328-352-2937	Sequence 2937, Ap
c	42	18	0.6	1345	2	US-08-702-153-3	Sequence 3, Appli
c	43	18	0.6	1656	3	US-09-522-217-106	Sequence 106, App
c	44	18	0.6	1656	4	US-09-923-246-106	Sequence 106, App
c	45	18	0.6	1656	4	US-10-295-723-106	Sequence 106, App

ALIGNMENTS

RESULT 1

US-08-467-822-19

; Sequence 19, Application US/08467822
; Patent No. 5843460

GENERAL INFORMATION:

APPLICANT: Labigne, Agnes

APPLICANT: Sauerbaum, Sebastien

APPLICANT: Ferrero, Richard L.

APPLICANT: Thiberge, Jean-Michel

TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST

TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE

TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID

TITLE OF INVENTION: POLYPEPTIDES

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &

ADDRESSEE: Dunner

STREET: 1300 I Street, N.W.

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/467,822

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/447,177

FILING DATE: 19-MAY-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/432,697

FILING DATE: 02-MAY-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Meyers, Kenneth J.

REGISTRATION NUMBER: 25,146

REFERENCE/DOCKET NUMBER: 03495.0137-02000

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 408-4000

TELEFAX: (202) 408-4400

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 2619 base pairs

TYPE: nucleic acid

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Fri Feb 11 13:43:51 2005

us-09-904-994b-1.oli.rni

STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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NAME/KEY: misc feature
LOCATION: 31..36
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NAME/KEY: misc feature
LOCATION: 756..759
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OTHER INFORMATION: sequence."
US-08-467-822-19

Query Match 0.9%; Score 27; DB 2; Length 2619;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1006 ATTTACAAAGCCGACATTGGGATTAAA 1032

RESULT 2
US-08-432-697-19
; Sequence 19, Application US/08432697
; Patent No. 6248330
; GENERAL INFORMATION:
; APPLICANT: Labigne, Agnes
; APPLICANT: Sauerbaum, Sebastien
; APPLICANT: Ferrero, Richard L.
; APPLICANT: Thiberge, Jean-Michel
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
; TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
; TITLE OF INVENTION: POLYPEPTIDES
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/432,697
; FILING DATE: 02-MAY-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03495.0137-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2619 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 31..36
; OTHER INFORMATION: /standard_name= "Shine-Dalgarno

OTHER
FEATURE:
NAME/
LOCATI
OTHER
OTHER
US-08-432-697

Query Match
Best Local
Matches 2

Qy 1134

Db 1006

RESULT 3
US-08-466-248
; Sequence 19
; Patent No.
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; APPLICAN
; TITLE OF
; TITLE OF
; TITLE OF
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; CORRESPON
; ADDRESS:
; ADDRESS:
; STREET:
; CITY:
; STATE:
; COUNTRY:
; ZIP: 2
; COMPUTER
; MEDIUM
; COMPUTE
; OPERATI
; SOFTWARE
; CURRENT A
; APPLICA
; FILING
; CLASSIF
; PRIOR APP
; APPLICA
; FILING
; CLASSIF
; PRIOR APP
; APPLICA
; FILING
; CLASSIF
; ATTORNEY/
; NAME:
; REGISTR
; REFEREN
; TELECOMMU
; TELEPHO
; TELEFAX
; INFORMATION
; SEQUENCE
; LENGTH:
; TYPE:
; STRANDED
; TOPOLOG
; MOLECULE
; FEATURE:
; NAME/KE
; LOCATION

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RESULT 4

US-08-467-822-23

; Sequence 23, Application US/08467822

; Patent No. 5843460

; GENERAL INFORMATION:

; APPLICANT: Labigne, Agnes

; APPLICANT: Sauerbaum, Sebastien

; APPLICANT: Ferrero, Richard L.

; APPLICANT: Thiberge, Jean-Michel

; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST

; TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE

; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID

; POLYPEPTIDES

; NUMBER OF SEQUENCES: 44

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &

; ADDRESSEE: Dunner

; STREET: 1300 I Street, N.W.

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20005-3315

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/467,822

; FILING DATE: 06-JUN-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/447,177

; FILING DATE: 19-MAY-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/432,697

; FILING DATE: 02-MAY-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Meyers, Kenneth J.

; REGISTRATION NUMBER: 25,146

; REFERENCE/DOCKET NUMBER: 03495.0137-02000

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 408-4000

; TELEFAX: (202) 408-4400

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 100 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-467-822-23

Alignment Scores:

Pred. No.:

Score: 7.61e-17

Percent Similarity: 261.50

Best Local Similarity: 73.00%

Query Match: 56.00%

DB: 5.08%

2

Length: 100

Matches: 56

Conservative: 17

Mismatches: 26

Indels: 1

Gaps: 1

US-09-904-994B-1 (1-2883) x US-08-467-822-23 (1-100)

QY

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QY

266 AGAAAGCGCAAAGCAGAGGGCTTAAAGCTCAACCAACCCGAGCCATTGCTTACATTAGT 325

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